

## CLAIMS

2. The woven fabric for loud-speaker diaphragm according to Claim 1, characterized in that said fiber with poor dye-affinity is PBO (poly(p-phenylene benzobisoxazole)) fiber.

3. The woven fabric for loud-speaker diaphragm according to Claim 1 or 2, characterized in that said thread is a twisted yarn, a ply yarn, a core yarn, a covered yarn or an intermingled yarn.

4. The woven fabric for loud-speaker diaphragm according to Claim 1 or 2, characterized in that at least one of said fibers of the plural kinds other than the fiber with poor dye-affinity constituting the thread used for weaving the woven fabric is a fiber colored with dyes or pigments.

5. The woven fabric for loud-speaker diaphragm according to Claim 3, characterized in that the PBO (poly(p-phenylene

benzobisoxazole)) fiber is placed as a core thread of said core yarn, covered yarn or intermingled yarn.

6. The woven fabric for loud-speaker diaphragm according to  
5 Claim 4, characterized in that said colored fiber is made up of glass, polyester or polypropylene.

7. A diaphragm for loud-speaker, characterized in that said woven  
10 fabric for loud-speaker diaphragm according to any one of Claims 1 to 6 is used in at least a portion of the diaphragm.

8. A loud-speaker, characterized in that said woven fabric for  
15 loud-speaker diaphragm according to Claim 1, 2, 3 or 5 is processed to form a diaphragm for loud-speaker after colored.

9. A loud-speaker characterized in that said woven fabric for  
loud-speaker diaphragm according to Claim 4 or 6 is processed to  
form a diaphragm for loud-speaker without being coloring.